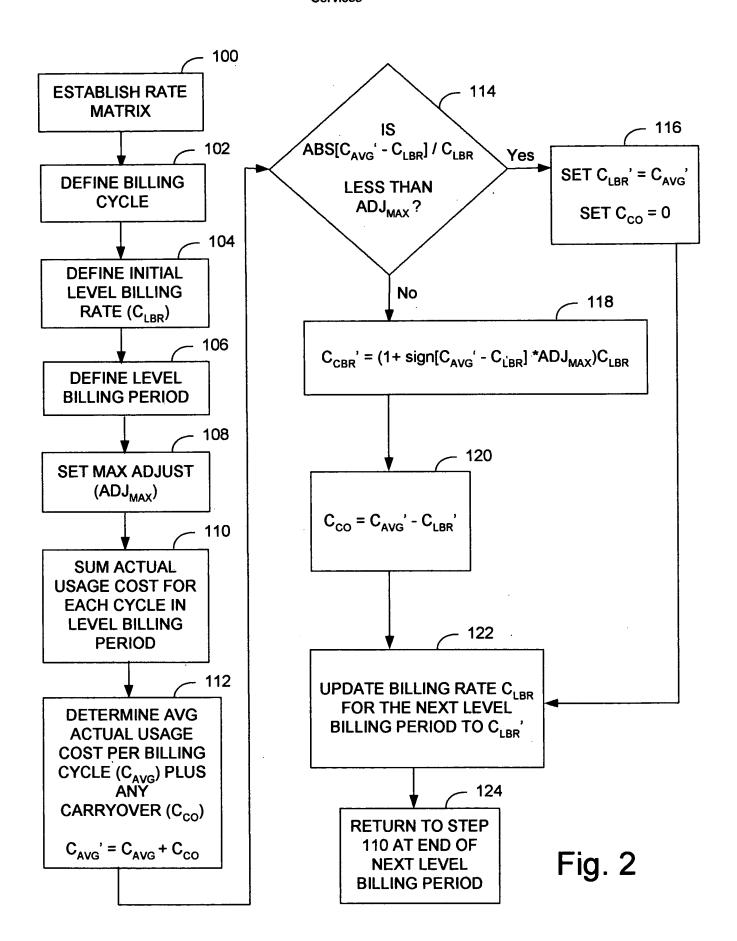
ATT 2003-0012 1 of 3 Inventor: Robert Cahn Title: Adjustable Rate Usage-Based Billing for Data Services

| | Zone 1 | Zone 2 | Zone 3 | Zone 4 | Zone 5 | Zone 6 |
|--------|---|--|--|--|--|--|
| Zone 1 | R _{1,1,1} | R _{1,2,1} | R _{1,3,1} | R _{1,4,1} | R _{1,5,1} | R _{1,6,1} |
| | R _{1,1,2} | R _{1,2,2} | R _{1,3,2} | R _{1,4,2} | R _{1,5,2} | R _{1,6,2} |
| | R _{1,1,3} | R _{1,2,3} | R _{1,3,3} | R _{1,4,3} | R _{1,5,3} | R _{1,6,3} |
| | R _{1,1,4} | R _{1,2,4} | R _{1,3,4} | R _{1,4,4} | R _{1,5,4} | · R _{1,6,4} |
| Zone 2 | $\begin{array}{c} R_{2,1,1} \\ R_{2,1,2} \\ R_{2,1,3} \\ R_{2,1,4} \end{array}$ | R _{2,2,1} R _{2,2,2} R _{2,2,3} R _{2,2,4} | R _{2,3,1} R _{2,3,2} R _{2,3,3} R _{2,3,4} | R _{2,4,1} R _{2,4,2} R _{2,4,3} R _{2,4,4} | $\begin{array}{c} R_{2,5,1} \\ R_{2,5,2} \\ R_{2,5,3} \\ R_{2,5,4} \end{array}$ | $\begin{array}{c} R_{2,6,1} \\ R_{2,6,2} \\ R_{2,6,3} \\ R_{2,6,4} \end{array}$ |
| Zone 3 | R _{3,1,1} | R _{3,2,1} | R _{3,3,1} | R _{3,4,1} | R _{3,5,1} | R _{3,6,1} |
| | R _{3,1,2} | R _{3,2,2} | R _{3,3,2} | R _{3,4,2} | R _{3,5,2} | R _{3,6,2} |
| | R _{3,1,3} | R _{3,2,3} | R _{3,3,3} | R _{3,4,3} | R _{3,5,3} | R _{3,6,3} |
| | R _{3,1,4} | R _{3,2,4} | R _{3,3,4} | R _{3,4,4} | R _{3,5,4} | R _{3,6,4} |
| Zone 4 | R _{4,1,1} | R _{4,2,1} | R _{4,3,1} | R _{4,4,1} | R _{4,5,1} | R _{4,6,1} |
| | R _{4,1,2} | R _{4,2,2} | R _{4,3,2} | R _{4,4,2} | R _{4,5,2} | R _{4,6,2} |
| | R _{4,1,3} | R _{4,2,3} | R _{4,3,3} | R _{4,4,3} | R _{4,5,3} | R _{4,6,3} |
| | R _{4,1,4} | R _{4,2,4} | R _{4,3,4} | R _{4,4,4} | R _{4,5,4} | R _{4,6,4} |
| Zone 5 | R _{5,1,1} | R _{5,2,1} | R _{5,3,1} | R _{5,4,1} | R _{5,5,1} | R _{5,6,1} |
| | R _{5,1,2} | R _{5,2,2} | R _{5,3,2} | R _{5,4,2} | R _{5,5,2} | R _{5,6,2} |
| | R _{5,1,3} | R _{5,2,3} | R _{5,3,3} | R _{5,4,3} | R _{5,5,3} | R _{5,6,3} |
| | R _{5,1,4} | R _{5,2,4} | R _{5,3,4} | R _{5,4,4} | R _{5,5,4} | R _{5,6,4} |
| Zone 6 | $egin{array}{c} R_{6,1,1} \ R_{6,1,2} \ R_{6,1,3} \ R_{6,1,4} \ \end{array}$ | R _{6,2,1} R _{6,2,2} R _{6,2,3} R _{6,2,4} | R _{6,3,1} R _{6,3,2} R _{6,3,3} R _{6,3,4} | R _{6,4,1} R _{6,4,2} R _{6,4,3} R _{6,4,4} | R _{6,5,1} R _{6,5,2} R _{6,5,3} R _{6,5,4} | R _{6,6,1} R _{6,6,2} R _{6,6,3} R _{6,6,4} |

Fig. 1

ATT 2003-0012 2 of 3 Inventor: Robert Cahn Title: Adjustable Rate Usage-Based Billing For Data Services



ATT 2003-0012 3 of 3 Inventor: Robert Cahn Title: Adjustable Rate Usage-Based Billing For Data Services

| Billing Cycle No | C _{LBR} | C _{AVG} ' | C _{LBR} ' | Cumulative C _{CO} |
|------------------|------------------|--------------------|--------------------|----------------------------|
| 1 | \$10,000.00 | \$15,000.00 | \$11,000.00 | \$4000.00 |
| 2 | \$11,000.00 | \$19,000.00 | \$12,100.00 | \$6900.00 |
| 3 | \$12,100.00 | \$21,900.00 | \$13,310.00 | \$8590.00 |
| 4 | \$13,310.00 | \$23,590.00 | \$14,641.00 | \$8949.00 |
| 5 | \$14,641.00 | \$23,949.00 | \$16,105.00 | \$7843.90 |
| 6 | \$16,105.10 | \$22,843.90 | \$17,175.61 | \$5128.29 |
| 7 | \$17,175.61 | \$20,128.29 | \$19,487.17 | \$641.12 |
| 8 | \$19,487.17 | \$15,641.12 | \$17,538.45 | - \$1897.33 |
| 9 | \$17,538.45 | \$13,102.67 | \$15,784.61 | - \$2681.94 |
| 10 | \$15,784.61 | \$12,318.06 | \$14,206.15 | - \$1888.09 |
| 11 | \$14,206.15 | \$13,111.91 | \$12,785.53 | \$326.00 |
| 12 | \$12,785.53 | \$15,326.38 | \$14,064.09 | \$1262.29 |
| 13 | \$14,064.09 | \$16,262.29 | \$15,470.49 | \$791.80 |

Fig. 3